

CLAIMS:

1. A device for spraying chemicals comprising a hollow support having a connection passage in communication to a nozzle stem at a top of an aerosol vessel and arranged laterally relative to the aerosol vessel, a rotating nozzle rotatably supported at a tip end of the support and having a connection passage in communication to the passage of the support, and means to actuate the nozzle stem, and wherein an arm orifice provided at a tip end of the passage of the rotating nozzle is formed in a direction, in which the rotating nozzle is rotated by a reaction force of spray and aerosol contents are sprayed forwardly of a rotating plane.

2. A device for spraying chemicals comprising a connection pipe mounted at a top of an aerosol vessel and having a connection passage in communication to a nozzle stem of the aerosol vessel to have an outlet directed laterally relative to the aerosol vessel, a hollow support having a connection passage connected to the outlet of the connection pipe to extend substantially perpendicular to an axis of the aerosol vessel, at least one arm having a connection passage in communication to the passage of the support and supported on the support to be rotatable about an axis thereof, and means to actuate the nozzle stem, and wherein an arm orifice is formed at a tip end of the passage of the arm in a direction, in which the arm is

rotated by a reaction force of spray and aerosol contents are sprayed forwardly of a rotating plane.

3. The device according to claim 2, wherein a pair of the arms are provided to be symmetrical about the support.

4. The device according to claim 3, wherein the connection pipe and the support are connected together through a substantially stiff pipe.

5. The device according to any one of claims 2 to 4, wherein a part of a tip end surface of the arm or arms is formed to define a slope of a predetermined angle, and the arm orifice is formed perpendicular to the slope.

6. The device according to claim 5, wherein a line of intersection of a plane, which is perpendicular to a plane including a center line of rotation of the arm and an axis of the arm and in parallel to the center line of rotation of the arm, and the slope has an angle of at least  $15^{\circ}$  but less than  $90^{\circ}$  relative to a plane perpendicular to the center line of rotation of the arm.

7. The device according to claim 6, wherein a line of intersection of a plane, which is perpendicular to a plane including a center line of rotation of the arm and an axis of the arm and in parallel to the center line of rotation of the arm, and the slope has an angle of at least  $70^{\circ}$  but less than  $90^{\circ}$  relative to a plane perpendicular to the center line of rotation of

the arm.

8.           The device according to any one of claims 1 to 7, wherein an angle formed between a center line of spray, along which aerosol contents are sprayed, and a plane perpendicular to a center line of rotation of the arm is larger than  $0^\circ$  but not larger than  $45^\circ$ .